

LISTING OF THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) An apparatus comprising:

a substrate having at least a first surface; and

a plurality of closed cells disposed in a predetermined feature pattern on said at least a first surface,

means for changing the pressure of at least a first fluid disposed within said plurality of closed cells in order to cause a selected liquid to change the degree of penetration of said feature pattern.

2. (Previously Presented) The apparatus of claim 1 wherein said plurality of closed cells each have at least a first dimension less than 1 millimeter.

3. (Previously Presented) The apparatus of claim 1 wherein said plurality of closed cells each have at least a first dimension less than 1 micron.

4. (Original) The apparatus of claim 1 wherein said means for changing the pressure of at least a first fluid comprises means for changing the temperature of said at least a first fluid.

5. (Currently Amended) ~~The apparatus of claim 1~~ An apparatus comprising:

a substrate having at least a first surface; and

a plurality of closed cells disposed in a predetermined feature pattern on said at least a first surface,

means for changing the pressure of at least a first fluid disposed within said plurality of

closed cells in order to cause a selected liquid to change the degree of penetration of said feature pattern, wherein said means for changing the pressure of at least a first fluid comprises means for injecting and removing varying amounts of said fluid into and out of said cells, respectively.

6. (Original) The apparatus of claim 1 wherein the means for changing the pressure of at least a first fluid comprises a liquid disposed on said feature pattern in a way such that, upon the pressure of said liquid changing, the pressure of said fluid changes.

Claims 7-11 (Canceled)

12. (Previously Presented) The apparatus of claim 1 wherein the closed cells have a width ranging from about 4 to 25 microns.

13. (Previously Presented) The apparatus of claim 1 wherein the closed cells have a height-to-width ratio ranging from about 0.12 to 0.18.